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(Use as many sheets as necessary)

Sheet 1 of 1

Compl te if Known	
Application Number	
Filing Date	October 2. 2003
First Named Inventor	John Timothy Sims
Art Unit	
Examiner Name	
Attorney Docket Number	

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number-Kind Code[2] *(if known)*	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 4,212,127			
		US- 4,255,890			
		US- 4,491,291			
		US- 5,018,296			
		US- 5,276,994			
		US- 4,257,182			
		US- 4,602,453			
		US- 3,974,591			
		US- 4,799,328			
		US- 5,412,897			
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3]-Number[4]-Kind Code[5] *(if known)*	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T[6]

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